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Pocket DVD/CDRW

The Addonics Pocket DVD/CDRW is one of the smallest multifunction optical storage devices in the market. It combines the functions of two popular optical drives, DVD-ROM and a fast CDRW, into one small package about the size of a double stack CD jewel case. With this device, you can play DVD movie or audio music, make your own music CD, make back up copy of your software, or archive your data onto removable CD media.

The device weights less than 14 oz and can be powered directly from many notebook computers via Firewire, PCMCIA or the USB port. Together with Addonics' flexible interface design, the Pocket DVD/CDRW is great for the mobile users and a perfect solution for wide range of applications at home, office or industrial environment.

Product Features:

- Use as a DVD, CDRW or as a regular CD-ROM Drive.
- Read CD-ROM, CD-R, CD-RW, DVD-R, DVD-RW, DVD movie
- Easy CardBus / PCMCIA Type I or Type II, USB, Serial ATA or Firewire Connection
- Plug and Play Operation under Windows 95, 98, 2000, Me and XP
- Interchangeable CardBus/PCMCIA, FireWire, USB 2.0 or Serial ATA-USIB interface cable (Note: One of these interface cables is included with the drive, other cables can be purchased separately.)
- Powered from your Notebook PC (through PC card Slot in PCMCIA mode, USB port, FireWire port) or from the included AC Power Adapter
- **New Feature**:This Pocket Drive can also be used as an internal removable optical drive using the optional Console Optical Drive kit consisting of a Console Cradle and a DVD Console Tray as shown in the illustration on the right hand side.

Model	Description
AEPDVRW248CB	**Pocket DVD/CDRW 8x24x24x24 CardBus** **Content:** Portable combo 24x24x24 CDRW + 8x DVD, CardBus/PCMCIA card and interface cable , AC/DC adapter, USB power cable, User guide, driver diskette, PowerDVD MPEG II decoding software, CD mastering software
AEPDVRW248UM	**Pocket DVD/CDRW 8x24x24x24 USB 2.0** **Content:** Portable combo 24x24x24 CDRW + 8x DVD, USB 2.0 USIB interface cable , AC/DC adapter, USB power cable, User guide, driver diskette, PowerDVD MPEG II decoding software, CD mastering software
AEPDVRW248FW	**Pocket DVD/CDRW 8x24x24x24 Firewire** **Content:** Portable combo 24x24x24 CDRW + 8x DVD, Firewire USIB interface cable, Firewire to iLink adapte cable, AC/DC adapter, USB power cable, User guide, driver diskette, PowerDVD MPEG II decoding software, CD mastering software
AEPDVRW248SA	**Pocket DVD/CDRW 8x24x24x24 Serial ATA** **Content:** Portable combo 24x24x24 CDRW + 8x DVD with Serial ATA-USIB interface, External Serial ATA interface cable, AC/DC adapter, PowerDVD MPEG II decoding software, CD mastering software, User guide, driver diskette

Sales Inquiry:

- To purchase this product, please visit our online store at www.shopaddonics.com and search for the model number
- You may also make a purchase by calling our sales team at (408) 433-3899
- To view other products, please visit our web site at www.addonics.com

More Product Features:

- Compact: 5.62 x 5.31 x 0.87 in.
- Convenient see through window on top cover to view the presence of disc inside.
- Lightweight: 14 oz. Portable: Fits any Briefcase or Notebook PC Case
- Bundled with CD mastering software and MPEG-II decoding software for DVD movie play back under Windows 95, 98SE, Me, 2000 and XP
- Used as a CD-ROM under DOS with USB or CardBus/PCMCIA connection
- USB version supports Solaris 8 4/01 or later release, Linux kernel 2.4 and higher (requires OS specific CDRW software for these OS)

System Requirements:

- PC/AT or Compatible System
- PCMCIA Type I or Type II Slot, USB 2.0/1.1 or FireWire port.
- Pentium II 350 MHz or Greater
- Minimum hard disk space 50 MB
- Minimum 64 MB RAM
- One of the Following Operating System:
  - For USB and Firewire - Windows 98SE/2000/Me/XP
  - For CardBus/PCMCIA and Serial ATA - DOS, Windows 95, 98SE, Me, 2000, XP, NT
  - Also work as CD-ROM under Mac OS 9.0 and higher, Linux kernel 2.4 and higher
  - Solaris 8 4/01 or current release (bundled software supports Windows OS only)

Data Transfer Rate Comparison Table:

CD Speed	CardBus	USB 1.0	USB 2.0	Serial ATA	FireWire	SCSI
4X	600KB/sec	600KB/sec	600KB/sec	600KB/sec	600KB/sec	600KB/sec
6X	900KB/sec	900KB/sec	900KB/sec	900KB/sec	900KB/sec	900KB/sec
8X	1200KB/sec	900KB/sec	1200KB/sec	1200KB/sec	1200KB/sec	1200KB/sec
24X	2400KB/sec	900KB/sec	3600KB/sec	3600KB/sec	3600KB/sec	3600KB/sec
32X	2400KB/sec	900KB/sec	4800KB/sec	4800KB/sec	4800KB/sec	4800KB/sec
40X	2400KB/sec	900KB/sec	6000KB/sec	6000KB/sec	6000KB/sec	6000KB/sec
52X	2400KB/sec	900KB/sec	7800KB/sec	7800KB/sec	7800KB/sec	7800KB/sec

DVD Speed	CardBus	USB 1.0	USB 2.0	Serial ATA	FireWire	SCSI
1X	1,350KB/sec	900KB/sec	1,350KB/sec	1,350KB/sec	1,350KB/sec	1,350KB/sec
2X	2,700KB/sec	900KB/sec	2,700KB/sec	2,700KB/sec	2,700KB/sec	2,700KB/sec
4X	2,700KB/sec	900KB/sec	5,500KB/sec	5,500KB/sec	5,500KB/sec	5,500KB/sec
8X	2,700KB/sec	900KB/sec	10,800KB/sec	10,800KB/sec	10,800KB/sec	10,800KB/sec
16X	2,700KB/sec	900KB/sec	21,600KB/sec	21,600KB/sec	21,600KB/sec	21,600KB/sec

The above data transfer rate information is for reference only. Actual speed may varies with system hardware and applications.

*Addonics has successfully tested the Pocket DVD/CDRW using Direct power from PCMCIA, USB or Firewire ports on various brands of Notebook and Desktop computers. However, Addonics does not guarantee the Pocket DVD/CDRW to work with power directly from the computers as the power from the connecting ports varies from different system manufacturers. iLink is the Sony Firewire standard and does not provide power to the peripheral device. Check with your system manufacturer for detail specification of your Firewire port. When using CardBus/PCMCIA-USIB interface, only the PCMCIA mode can provide direct power to the drive. However, operating in PCMCIA model reduces the performance of the drive and results in lower frame rate in playing DVD movie. The alternative is to use the AC/DC adapter or the included USB power cable to get power from the computer to the drive when operating the interface cable in CardBus mode.

Specifications:

Model:	AEPDVRW248CD	AEPDVRW248UM	AEPDVRW248FW	AEPDVRW248SA
Interface:	External CardBus/PCMCIA	USB 2.0/1.1	Firewire/iLink	external SATA
Description:	Pocket 8x+/8x- DVD+/-R/RW/DL			
Supported Media:	CD-ROM, CD-R, CD-RW, DVD-R, DVD-RW, DVD movie			
Supported OS:	Windows 98SE, Me, 2000 and XP	DOS, Windows 98SE, Me, 2000, XP, Linux Kernel 2.4, Solaris 8.0 and above	Windows 95, 98SE, NT (use as CD-ROM only under NT)	DOS, Windows 95, NT4(SP6), 98SE, Me, 2000 and XP, Linux Kernel 2.4
Data Capacity:	700 MB (80 minutes disc) 650 MB (74 minutes disc)			
Data Transfer Rate (Max.):	3600 KB/sec (CD 24X) 10,600 KB/sec (DVD 8X)			
Speed (Max.):	24 x 24x 24x CDRW 8x DVD ROM			
Buffer Size:	2 MB			
Access Speed (Ave.):	CD - 85 ms DVD - 110 ms			
Power Consumption (Max.):	7.5 Watts			
Power Source:	AC/DC power adapter, Firewire port USB port*, PSII port			
Dimensions:	5.62 x 5.31 x 0.87 inches (143 x 135 x 22 mm)			
Weight:	14 oz. (0.4 kg)			
Storage Temperature:	Range: -20C to +60C			
Storage Humidity:	Range: +5C to +45C			
Operating Temperature:	5% to 95%			
Operating Humidity:	8% to 80%			
Warranty:	One Year			
Accessories (Optional):	**AABATPAK8** – Pocket Battery Pack			
	AAU2REPEAT16 – USB 2.0 Repeater Cable			